ACTIVE CLOUD

CONFIGURATION MANUAL



ENGLISH MANUAL

ActiveCloud Manual rev. APRIL 2021

ActiveCloud Board Configuration App

The ActiveCloud Board Configuration App allows to configure Ethernet and WiFi network settings of the ActiveCloud Board.
The ActiveCloud Board primary network interface is Ethernet and the board is factory configured to obtain an IP address automatically by DHCP. If the Ethernet cable is not plugged in and a WiFi network has not been configured, the board starts in Access Point mode. Connect your PC to the ActiveCloud Board WiFi network:
- SSID name: ActiveCloud-X where X is the board serial number (e.g. ActiveCloud-000101).
- Password: the serial number followed by the authorization key (e.g. 000101ABCXYZ).

Once the board is connected to LAN or WiFi, run the ActiveCloud Board Configuration application to configure the board. When starting the application automatically searches for all ActiveCloud boards connected to the network (Fig. 1a). The found boards are listed in the left panel (Fig. 1b). Textboxes in the right panel shows serial number and firmware version of the selected board.

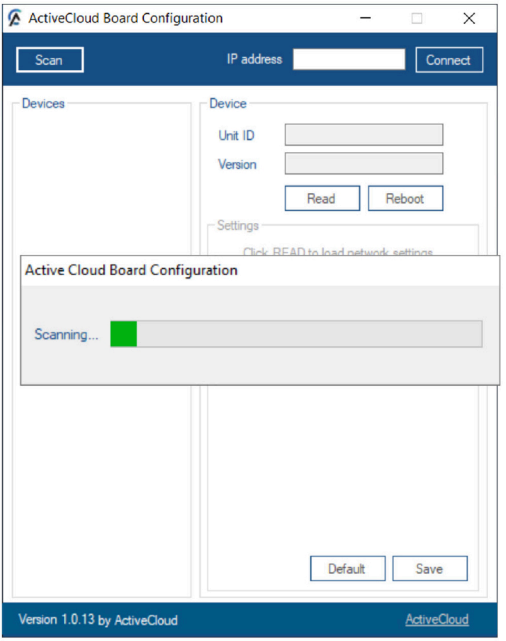


Figure 1a

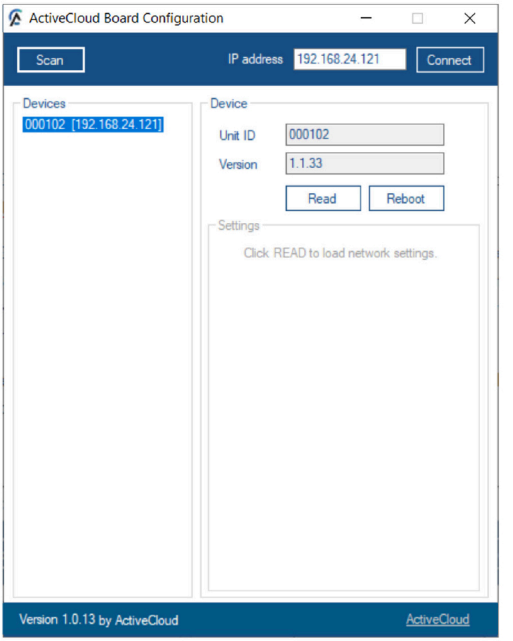


Figure 1b

If you already know the IP address of your board write it in the top-right IP address textbox and click on the Connect button. If you want to search again click on the top-left Scan button. To reboot the board click on Reboot button, enter the authorization key of your board and press OK.To retrieve the current board settings click on the Read button, enter the authorization key of your board and press OK (Fig. 2a). Tabs on the right show current board settings.

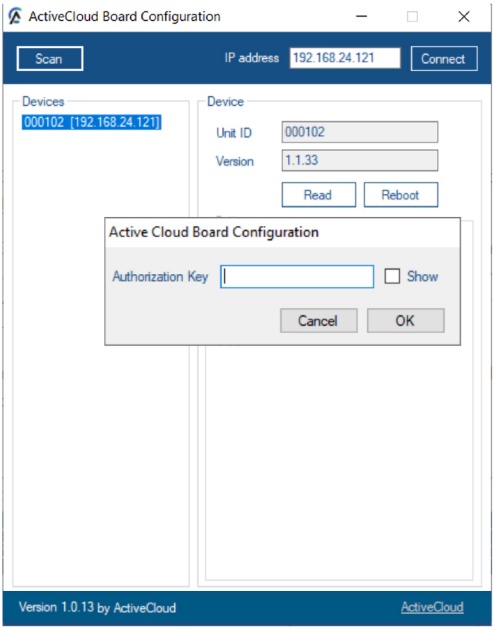


Figure 2a

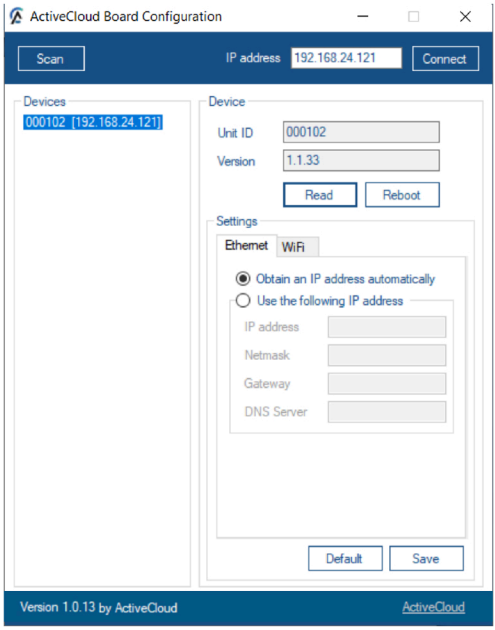
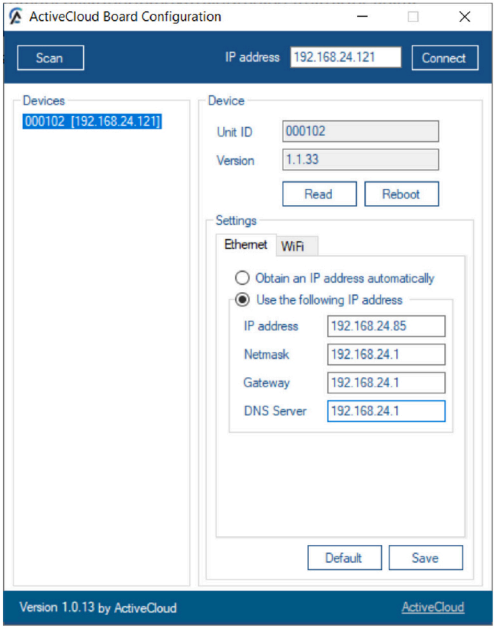
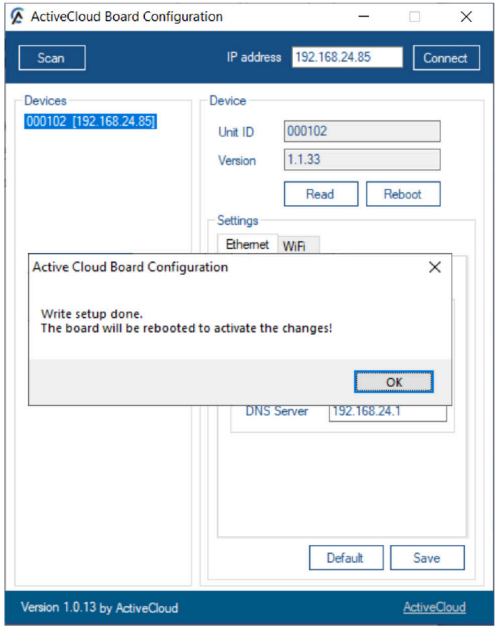


Figure 2b

In the Ethernet tab, select the Obtain an IP address automatically option to let the board to obtain IP address automatically from the router by DHCP. Select Use the following IP address to configure the network: enter IP address, Netmask, Gateway and DNS server of your network (Fig. 3a). Click on the Save button to save the settings: the board will be rebooted. Press OK on the message box to continue (Fig. 3b).





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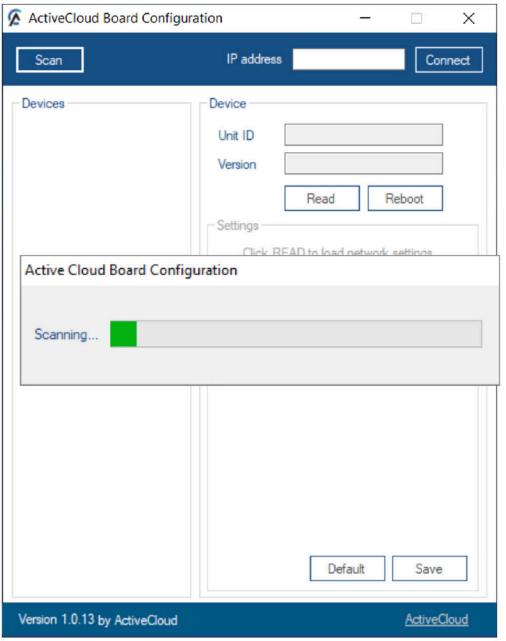


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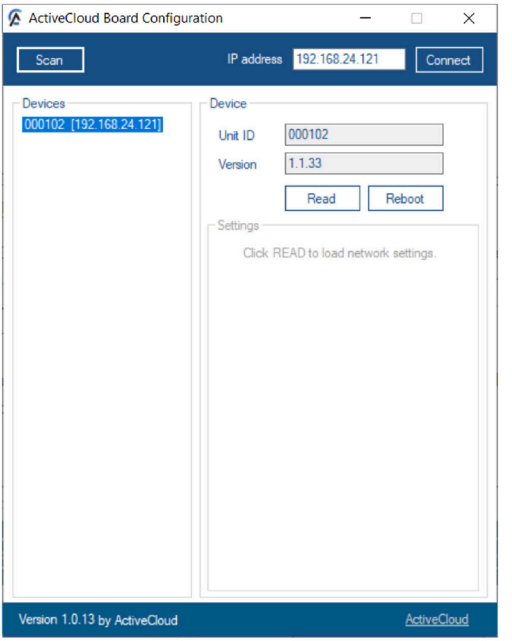


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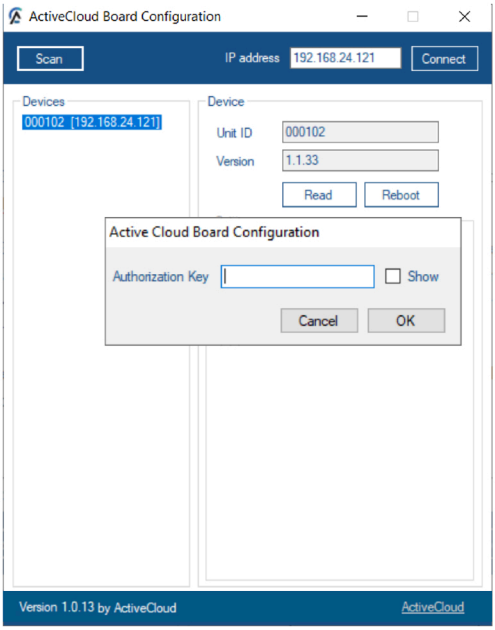


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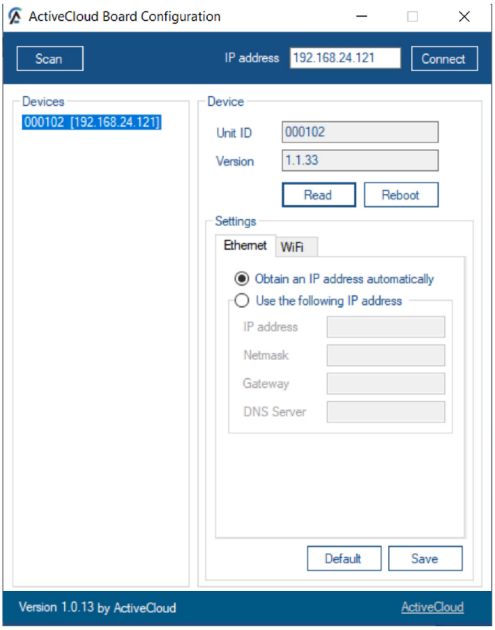
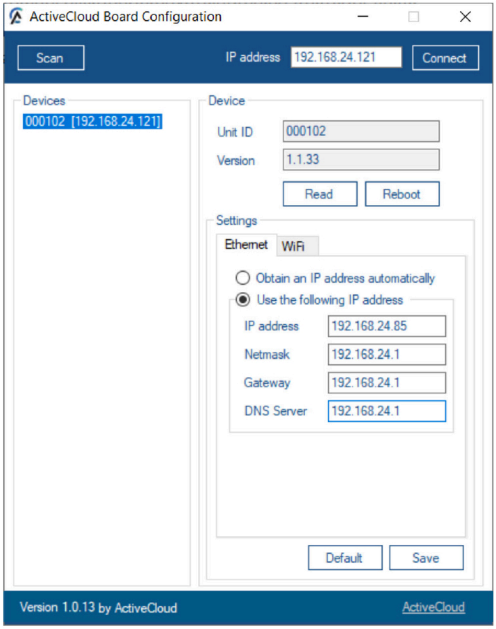
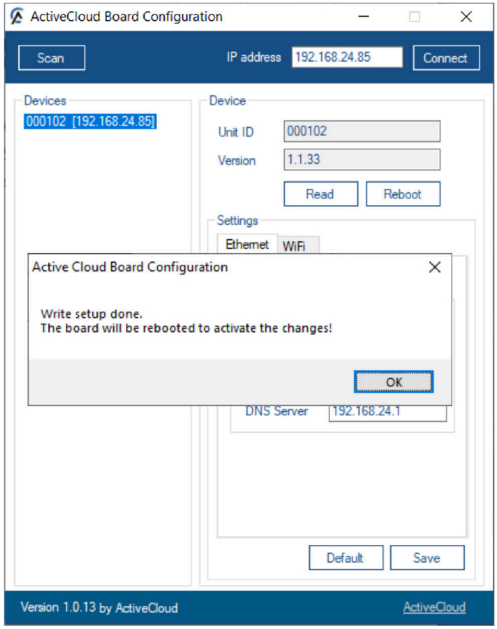


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In the WiFi tab, enter SSID and password of your WiFi network (Fig. 4a). Select the Obtain an IP address automatically to let the board to obtain IP address from the router by DHCP. Select Use the following IP address to configure the network: enter IP address, Netmask, Gateway and DNS server of your network. Uncheck Enable if you want to completely disable the WiFi interface of the board. Click on the Save button to save the settings: the board will be rebooted and it will apply the new settings.



Figure 4a



Figure 4b

To reset the board to default network settings click on the Default button and press OK in message box to confirm (Fig. 4b).